

RU242

Mode:

RU Index:

Channel:

Mode: Transfer Rate: RU Index: Distance of Measurements: **Operating Frequency:** Channel:



Plot 7-1133 CDD Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)



Plot 7-1134 CDD Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 500 at 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Page 500 01 545
			V 10.6 10/27/2023



7.7.16 CDD Primary Radiated Band Edge Measurements (40MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]



Plot 7-1135 CDD Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)





FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 501 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	N 40 0 40/07/0000



802.11ax OFDMA Mode: Transfer Rate: MCS11 RU Index: 0 Distance of Measurements: 3 Meters **Operating Frequency:** 7085MHz Channel: 227 PASS Average Trace Peak Trace Avg. Offset: 10.5dB SWT: 1 MHz Peak Offset: 19.5dB SWT: 1.0ms Peak: 7139.40 MHz, 74.92 dBµV/m Avg: 7139.85 MHz, 59.66 dBµV/m 140



Plot 7-1137 CDD Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8)



Plot 7-1138 CDD Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA3269 IC: 579C-A3269	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dago 502 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Fage 502 01 545
			V/ 10 6 10/27/2023



RU484

Mode:

RU Index:

Channel:

Mode: Transfer Rate: RU Index: Distance of Measurements: **Operating Frequency:** Channel:



Plot 7-1139 CDD Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)



Plot 7-1140 CDD Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 502 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Page 503 01 545
			V/ 10 6 10/27/2023



7.7.17 CDD Primary Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]



Plot 7-1141 CDD Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)



Plot 7-1142 CDD Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dago E04 of E45
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Fage 504 01 545
			V/ 10 6 10/27/2022



802.11ax OFDMA Mode: Transfer Rate: MCS11 RU Index: 0 Distance of Measurements: 3 Meters **Operating Frequency:** 7025MHz Channel: 215 PASS Average Trace RBW: 1 MHz Peak Trace Avg. offset: 20.1dB VBW: 3 MHz Peak offset: 19.5dB SWT: 1.0ms Peak: 7138.50 MHz, 70.95 dBµV/m Avg: 7138.95 MHz, 56.03 dBµV/m 140



Plot 7-1143 CDD Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8)



Plot 7-1144 CDD Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage EOE of E4E
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Fage 505 01 545
			V/ 40 C 40/07/0000



RU996

Mode:

RU Index:

Channel:

Mode: Transfer Rate: RU Index: Distance of Measurements: **Operating Frequency:** Channel:



Plot 7-1145 CDD Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)



Plot 7-1146 CDD Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga EOC of EAE
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Page 506 01 545
			V 10.6 10/27/2023



7.7.18 CDD Primary Radiated Band Edge Measurements (160MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]



0.0 5764.5 5829.0 5893.5 5958.0 6022.5 6087.0 6151.5 6216.0 6280.5 634 Frequency (MHz)

Plot 7-1147 CDD Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)





FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo E07 of E4E
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Fage 507 01 545
			V/ 10 6 10/27/2022



Mode:	802,11ax OFDMA	
Transfer Rate:	MCS11	
RU Index:	0	
Distance of Measurements:	3 Meters	
Operating Frequency:	6985MHz	
Channel:	207	
	PASS Peak Trace Avg. offset: 20.3dB VBW: 3 M Peak Offset: 19.7dB SWT: 1.0r 140	Hz Hz ms Avg: 7218.60 MHz, 64.79 dBμV/m Avg: 7219.50 MHz, 50.53 dBμV/m
	€ 120 - <u>A</u>	



Plot 7-1149 CDD Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8)



Plot 7-1150 CDD Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage EOR of E4E
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Page 508 01 545
			V 10.6 10/27/2023



RU996x2

Mode: Transfer Rate: RU Index: Distance of Measurements: Operating Frequency: Channel:







Plot 7-1152 CDD Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dago E00 of E45
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Fage 509 01 545
			V/ 10 6 10/27/2022



7.7.19 CDD Diversity Radiated Band Edge Measurements (20MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]







FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 510 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Fage 510 01 545
			V/ 10 6 10/27/2022



Mode:	802.11ax OFDMA
Transfer Rate:	MCS11
RU Index:	0
Distance of Measurements:	3 Meters
Operating Frequency:	5955MHz
Channel:	229



Plot 7-1155 CDD Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8)





Plot 7-1156 CDD Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 511 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Page 511 01 545
			V 10.6 10/27/2023



RU242

Mode: Transfer Rate: RU Index: Distance of Measurements: Operating Frequency: Channel:



Plot 7-1157 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5)





Plot 7-1158 CDD Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 512 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	1 age 512 01 545



7.7.20 CDD Diversity Radiated Band Edge Measurements (40MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]



Plot 7-1159 CDD Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)



Plot 7-1160 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 513 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Fage 515 01 545
			V/ 40 C 40/07/0000



Mode: Transfer Rate: RU Index: Distance of Measurements: Operating Frequency: Channel:	802.11ax O MCS11 0 3 Meters 7085MHz 227	FDMA				
	PASS 140 120 100 100 80 60	Average Trace. RBW: Peak Tace 20.1dB VBW: Peak Offset: 20.1dB VBW: Peak Offset: 19.5dB SWT:	: 1 MHz : 3 MHz : 1.0ms	Peak: 7138	3.50 MHz, 76.	27 dBµV/m

60



Plot 7-1161 CDD Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)



Plot 7-1162 CDD Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 514 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Page 514 01 545
			V 10.6 10/27/2023



RU484

Mode: Transfer Rate: RU Index: Distance of Measurements: Operating Frequency: Channel:







Plot 7-1164 CDD Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 515 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Fage 515 01 545
			V/ 40 C 40/07/0000



7.7.21 CDD Diversity Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]





Plot 7-1166 CDD Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo E16 of E4E
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Fage 516 01 545
			V/ 10 6 10/27/2022



802.11ax OFDMA Mode: Transfer Rate: MCS11 RU Index: 0 Distance of Measurements: 3 Meters **Operating Frequency:** 7025MHz Channel: 215 PASS Average Trace Peak Trace Avg. Offset: 20.1dB Peak Offset: 19.5dB SWT: 1.0ms Peak: 7138.05 MHz, 71.99 dBµV/m Avg: 7139.85 MHz, 54.73 dBµV/m 140



Plot 7-1167 CDD Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)



Plot 7-1168 CDD Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 517 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Fage 517 01 545
			V/ 10 6 10/27/2022



RU996

Mode: Transfer Rate: RU Index: Distance of Measurements: Operating Frequency: Channel:







Plot 7-1170 CDD Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dago E18 of E45
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Page 518 01 545
			V 10.6 10/27/2023



7.7.22 CDD Diversity Radiated Band Edge Measurements (160MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]



Plot 7-1171 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5)





FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo E10 of E4E
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Fage 519 01 545
			V/ 10 6 10/27/2022



Mode:	802.11ax OFDMA	
Transfer Rate:	MCS11	
RU Index:	0	
Distance of Measurements:	3 Meters	
Operating Frequency:	6985MHz	
Channel:	207	
	PASS Average Trace Peak Trace VBW: 1 MHz VBW: 3 MHz Peak Offset: 19.6dB SWT: 1.0ms Peak Offset: 19.6dB SWT: 1.0ms	BμV/m μV/m
	140	-



Plot 7-1173 CDD Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8)



Plot 7-1174 CDD Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA3269 IC: 579C-A3269	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dage 520 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Page 520 01 545
			V 10.6 10/27/2023



RU996x2

Mode:

RU Index:

Channel:

Mode: Transfer Rate: RU Index: Distance of Measurements: **Operating Frequency:** Channel:







Plot 7-1176 CDD Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA3269 IC: 579C-A3269	element	ment MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Page 521 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	1 age 521 61 545
			V 10.6 10/27/2023



7.8 Radiated Spurious Emissions – Below 1GHz §15.209; RSS-Gen [8.9]

Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for radiated spurious emissions. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR and Table 7 of RSS-Gen (8.10) must not exceed the limits shown in Table 7-249 per Section 15.209 and RSS-Gen (8.9).

Frequency	Field Strength [μV/m]	Measured Distance [Meters]		
0.009 – 0.490 MHz	2400/F (kHz)	300		
0.490 – 1.705 MHz	24000/F (kHz)	30		
1.705 – 30.00 MHz	30	30		
30.00 – 88.00 MHz	100	3		
88.00 – 216.0 MHz	150	3		
216.0 – 960.0 MHz	200	3		
Above 960.0 MHz	500	3		

Table 7-249. Radiated Limits

Test Procedures Used

ANSI C63.10-2020

Test Settings

Quasi-Peak Field Strength Measurements

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 120kHz (for emissions from 30MHz 1GHz)
- 3. Detector = quasi-peak
- 4. Sweep time = auto couple
- 5. Trace mode = max hold
- 6. Trace was allowed to stabilize

Peak Field Strength Measurements

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 120kHz (for emissions from 30MHz 1GHz)
- 3. VBW = 300kHz
- 4. Detector = quasi-peak
- 5. Sweep time = auto couple
- 6. Trace mode = max hold
- 7. Trace was allowed to stabilize

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dega 500 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Fage 522 01 545
			V 10.6 10/27/2023



Test Setup

The EUT and measurement equipment were set up as shown in the diagrams below.







FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 522 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Page 523 01 545
		·	V 10.6 10/27/2023



Test Notes

- 1. All emissions lying in restricted bands specified in §15.205 and RSS-Gen (8.10) are below the limit shown in Table 7-249.
- The broadband receive antenna is manipulated through vertical and horizontal polarizations during the tests. The EUT is manipulated through three orthogonal planes. For below 30MHz the loop antenna was positioned in 3 orthogonal planes (X front, Y side, Z top) to determine the orientation resulting in the worst case emissions.
- 3. This unit was tested with its standard battery.
- 4. The spectrum is investigated using a peak detector and final measurements are recorded using CISPR guasi peak detector on emissions that were within 6dB of the limit.
- 5. Emissions were measured at a 3 meter test distance.
- 6. Emissions are investigated while operating on the center channel of the mode, band, and modulation that produced the worst case results during the transmitter spurious emissions testing.
- 7. No spurious emissions were detected within 20dB of the limit below 30MHz.
- 8. The results recorded using the broadband antenna is known to correlate with the results obtained by using a tuned dipole with an acceptable degree of accuracy. The VSWR for the measurement antenna was found to be less than 2:1.
- 9. Both configurations below were investigated, and the worst case has been reported.
 - a. EUT powered by AC/DC adaptor via USB-C cable with wire charger
 - b. EUT powered by host PC via USB-C cable with wire charger
- 10. All antenna configurations were investigated and only the worst case is reported.
- 11. The unit was tested with all possible modes and only the highest emission is reported.

Sample Calculations

Determining Spurious Emissions Levels

- \circ Field Strength Level [dB_µV/m] = Analyzer Level [dBm] + 107 + AFCL [dB/m]
- AFCL [dB/m] = Antenna Factor [dB/m] + Cable Loss [dB] Preamp Gain [dB]
- $\circ \quad \text{Margin}_{[dB]} = \text{Field Strength Level}_{[dB\mu V/m]} \text{Limit}_{[dB\mu V/m]}$

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 524 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Fage 524 01 545
			V 40 C 40/07/0000



7.8.1 SDM Primary Radiated Spurious Emissions Measurements (Below 1GHz)



Plot 7-1177. Radiated Spurious Emissions below 1GHz SDM (802.11ax – Ch.1 – RU26) with AC/DC adaptor via USB-C cable with wire charger

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
47.56	Max Peak	V	100	271	-59.53	-14.36	33.11	40.00	-6.89
76.71	Max Peak	V	300	43	-57.55	-21.31	28.14	40.00	-11.86
101.00	Max Peak	V	100	327	-65.88	-16.48	24.64	43.52	-18.88
180.35	Max Peak	Н	200	2	-62.82	-17.75	26.43	43.52	-17.09
348.99	Max Peak	Н	100	1	-70.05	-11.58	25.37	46.02	-20.65
745.33	Max Peak	V	100	127	-74.30	-3.99	28.71	46.02	-17.31
		–		4011 00	11 1000 11		1001 141 10		

Table 7-250. Radiated Spurious Emissions below 1GHz SDM (802.11ax – Ch.1 – RU26) with AC/DC adaptor via USB-C
cable with wire charger

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga E2E of E4E
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Page 525 01 545
		·	V 10.6 10/27/2023





Plot 7-1178. Radiated Spurious Emissions below 1GHz SDM (802.11ax – Ch.1 – RU242) with AC/DC adaptor via USB-C cable with wire charger

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
47.70	Max Peak	V	100	327	-60.35	-14.36	32.29	40.00	-7.71
62.01	Max Peak	V	100	254	-63.76	-16.38	26.86	40.00	-13.14
76.85	Max Peak	н	300	89	-57.38	-21.34	28.28	40.00	-11.72
154.55	Max Peak	н	200	170	-65.77	-19.36	21.87	43.52	-21.65
180.64	Max Peak	н	200	350	-63.05	-17.73	26.22	43.52	-17.30
325.61	Max Peak	Н	100	275	-68.85	-12.48	25.67	46.02	-20.35

 Table 7-251. Radiated Spurious Emissions below 1GHz SDM (802.11ax – Ch.1 – RU242) with AC/DC adaptor via USB-C cable with wire charger

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage E2C of E4E
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Fage 526 01 545
			V 10.6 10/27/2023



7.8.2 SDM Diversity Radiated Spurious Emissions Measurements (Below 1GHz)



Plot 7-1179. Radiated Spurious Emissions below 1GHz SDM (802.11ax – Ch.1 – RU26) with AC/DC adaptor via USB-C cable with wire charger

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
36.01	Max Peak	V	100	320	-62.53	-17.22	27.25	40.00	-12.75
46.78	Max Peak	V	300	17	-62.70	-14.39	29.91	40.00	-10.09
60.31	Max Peak	V	100	248	-64.04	-15.87	27.09	40.00	-12.91
98.24	Max Peak	Н	200	267	-64.93	-16.71	25.36	43.52	-18.16
234.28	Max Peak	Н	100	191	-65.69	-14.89	26.42	46.02	-19.60
394.87	Max Peak	V	100	196	-69.74	-10.44	26.82	46.02	-19.20

```
      Table 7-252. Radiated Spurious Emissions below 1GHz SDM (802.11ax – Ch.1 – RU26) with AC/DC adaptor via USB-C cable with wire charger
```

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 527 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Page 527 01 545
			V 10.6 10/27/2023





Plot 7-1180. Radiated Spurious Emissions below 1GHz SDM (802.11ax – Ch.1 – RU242) with AC/DC adaptor via USB-C cable with wire charger

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
41.83	Max Peak	V	300	186	-62.27	-15.19	29.54	40.00	-10.46
61.77	Max Peak	V	200	248	-64.43	-16.31	26.26	40.00	-13.74
127.05	Max Peak	V	100	290	-65.18	-19.37	22.45	43.52	-21.07
235.83	Max Peak	Н	100	196	-68.45	-14.87	23.68	46.02	-22.34
443.22	Max Peak	V	100	190	-70.52	-9.96	26.52	46.02	-19.50
830.64	Max Peak	Н	100	341	-74.38	-2.40	30.22	46.02	-15.80

 Table 7-253. Radiated Spurious Emissions below 1GHz SDM (802.11ax – Ch.1 – RU242) with AC/DC adaptor via USB-C cable with wire charger

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 520 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Page 528 01 545
			V 10.6 10/27/2023

7.9 AC Line-Conducted Emissions Measurement

§15.407; RSS-Gen [8.8]

Test Overview and Limit

All AC line conducted spurious emissions are measured with a receiver connected to a grounded LISN while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for AC Line conducted spurious emissions. Only the conducted emissions of the configuration that produced the worst case emissions are reported in this section.

All conducted emissions must not exceed the limits shown in the table below, per Section 15.207 and RSS-Gen (8.8).

Frequency of emission	Conducted Limit (dBµV)			
(11112)	Quasi-peak	Average		
0.15 – 0.5	66 to 56*	56 to 46*		
0.5 – 5	56	46		
5 – 30	60	50		

Table 7-254. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10-2020, Section 6.2

Test Settings

Quasi-Peak Measurements

- 1. Analyzer center frequency was set to the frequency of the spurious emission of interest
- 2. RBW = 9kHz (for emissions from 150kHz 30MHz)
- 3. Detector = quasi-peak
- 4. Sweep time = auto couple
- 5. Trace mode = max hold
- 6. Trace was allowed to stabilize

Average Measurements

- 1. Analyzer center frequency was set to the frequency of the spurious emission of interest
- 2. RBW = 9kHz (for emissions from 150kHz 30MHz)
- 3. Detector = RMS
- 4. Sweep time = auto couple
- 5. Trace mode = max hold
- 6. Trace was allowed to stabilize

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 520 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Page 529 01 545
			V 10.6 10/27/2023

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

Test Notes

- 1. All modes of operation were investigated and the worst-case emissions are reported. The emissions found were not affected by the choice of channel used during testing.
- 2. Both configurations below were investigated, and the worst case has been reported.
 - a. EUT powered by AC/DC adaptor via USB-C cable with wire charger
 - b. EUT powered by host PC via USB-C cable with wire charger
- 3. The limit for an intentional radiator from 150kHz to 30MHz are specified in 15.207 and RSS-Gen (8.8).
- 4. Corr. (dB) = Cable loss (dB) + LISN insertion factor (dB)
- 5. QP/AV Level ($dB\mu V$) = QP/AV Analyzer/Receiver Level ($dB\mu V$) + Correction Factor (dB)
- 6. Margin (dB) = QP/AV Level (dB μ V) QP/AV Limit (dB μ V)
- 7. Traces shown in plots are made using quasi-peak and average detectors.
- 8. Deviations to the Specifications: None.
- 9. The unit was tested with all possible modes and only the highest emission is reported.

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 520 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Page 530 01 545
			V 10.6 10/27/2023

7.9.1 SDM Primary Line-Conducted Emissions Measurement

Plot 7-1181. AC Line Conducted Plot with 11ax SDM Primary UNII Band 5 – RU26 – Ch.1 (L1) with AC/DC adaptor via USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL		40.68	55.06	-14.38	L1	GND
0.17	FINAL	51.80		64.95	-13.15	L1	GND
0.25	FINAL	47.56		61.79	-14.23	L1	GND
0.25	FINAL		34.70	51.72	-17.02	L1	GND
0.58	FINAL	37.54		56.00	-18.46	L1	GND
0.58	FINAL		22.23	46.00	-23.77	L1	GND
1.24	FINAL	33.03		56.00	-22.97	L1	GND
1.24	FINAL		18.23	46.00	-27.77	L1	GND
5.04	FINAL	33.89		60.00	-26.11	L1	GND
5.04	FINAL		18.89	50.00	-31.11	L1	GND
16.37	FINAL		10.19	50.00	-39.81	L1	GND
16.37	FINAL	15.68		60.00	-44.32	L1	GND

 Table 7-255. AC Line Conducted Data with 11ax SDM Primary UNII Band 5 – RU26 – Ch.1 (L1) with AC/DC adaptor via USB-C cable with wire charger

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 521 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Page 531 01 545
			V 10.6 10/27/2023

Plot 7-1182. AC Line Conducted Plot with 11ax SDM Primary UNII Band 5 – RU26 – Ch.1 (N) with AC/DC adaptor via USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL		38.95	55.06	-16.11	N	GND
0.17	FINAL	50.23		64.95	-14.72	N	GND
0.25	FINAL	46.46		61.79	-15.33	N	GND
0.25	FINAL		33.39	51.64	-18.25	N	GND
0.58	FINAL	37.53		56.00	-18.47	N	GND
0.58	FINAL		22.69	46.00	-23.31	N	GND
1.24	FINAL		18.61	46.00	-27.39	N	GND
1.24	FINAL	33.33		56.00	-22.67	N	GND
5.04	FINAL	35.60		60.00	-24.40	N	GND
5.05	FINAL		21.31	50.00	-28.69	N	GND
29.48	FINAL		10.23	50.00	-39.77	N	GND
29.53	FINAL	16.64		60.00	-43.36	N	GND

Table 7-256. AC Line Conducted Data with 11ax SDM Primary UNII Band 5 – RU26 – Ch.1 (N) with AC/DC adaptor via USB-C cable with wire charger

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 522 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Fage 552 01 545
			V 10.6 10/27/2023

Plot 7-1183. AC Line Conducted Plot with 11ax SDM Primary UNII Band 5 – RU242 – Ch.1 (L1) with AC/DC adaptor via USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBμV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL		40.18	55.06	-14.88	L1	GND
0.17	FINAL	51.55		64.95	-13.40	L1	GND
0.25	FINAL	47.29		61.79	-14.50	L1	GND
0.25	FINAL		34.27	51.72	-17.45	L1	GND
0.58	FINAL	37.36		56.00	-18.64	L1	GND
0.58	FINAL		21.98	46.00	-24.02	L1	GND
1.27	FINAL		17.73	46.00	-28.27	L1	GND
1.28	FINAL	32.89		56.00	-23.11	L1	GND
5.16	FINAL	32.70		60.00	-27.30	L1	GND
5.17	FINAL		18.45	50.00	-31.55	L1	GND
16.34	FINAL		10.04	50.00	-39.96	L1	GND
16.34	FINAL	15.60		60.00	-44.40	L1	GND

Table 7-257. AC Line Conducted Data with 11ax SDM Primary UNII Band 5 – RU242 – Ch.1 (L1) with AC/DC adaptor via USB-C cable with wire charger

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 522 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Fage 555 01 545
			V 10.6 10/27/2023

Plot 7-1184. AC Line Conducted Plot with 11ax SDM Primary UNII Band 5 – RU242 – Ch.1 (N) with AC/DC adaptor via USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL		42.73	55.06	-12.33	N	GND
0.17	FINAL	54.06		64.95	-10.89	N	GND
0.25	FINAL	48.87		61.87	-13.00	N	GND
0.25	FINAL		36.25	51.72	-15.47	N	GND
0.58	FINAL	38.38		56.00	-17.62	N	GND
0.58	FINAL		22.92	46.00	-23.08	N	GND
1.27	FINAL		18.71	46.00	-27.29	N	GND
1.28	FINAL	33.43		56.00	-22.57	N	GND
5.17	FINAL		21.11	50.00	-28.89	N	GND
5.17	FINAL	34.75		60.00	-25.25	N	GND
29.37	FINAL		10.58	50.00	-39.42	N	GND
29.41	FINAL	16.84		60.00	-43.16	N	GND

Table 7-258. AC Line Conducted Data with 11ax SDM Primary UNII Band 5 – RU242 – Ch.1 (N) with AC/DC adaptor via USB-C cable with wire charger

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dago 524 of 545
1C2410210075-24-R1.BCG	75-24-R1.BCG 10/25/2024 - 1/2/2025 Tablet Device		Fage 554 01 545
			V 10.6 10/27/2023

7.9.2 SDM Diversity Line-Conducted Emissions Measurement

Plot 7-1185. AC Line Conducted Plot with 11ax SDM Diversity UNII Band 5 – RU26 – Ch.1 (L1) with AC/DC adaptor via USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBμV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	50.74		65.17	-14.43	L1	GND
0.17	FINAL		39.28	55.06	-15.78	L1	GND
0.25	FINAL	46.68		61.79	-15.11	L1	GND
0.25	FINAL		33.67	51.72	-18.05	L1	GND
0.58	FINAL		22.12	46.00	-23.88	L1	GND
0.58	FINAL	37.17		56.00	-18.83	L1	GND
1.24	FINAL	33.00		56.00	-23.00	L1	GND
1.25	FINAL		18.11	46.00	-27.89	L1	GND
5.04	FINAL		18.85	50.00	-31.15	L1	GND
5.06	FINAL	33.67		60.00	-26.33	L1	GND
16.36	FINAL		10.28	50.00	-39.72	L1	GND
16.36	FINAL	15.82		60.00	-44.18	L1	GND

 Table 7-259. AC Line Conducted Data with 11ax SDM Diversity UNII Band 5 – RU26 – Ch.1 (L1) with AC/DC adaptor via USB-C cable with wire charger

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Daga 525 of 545	
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Page 535 of 545	
			V/ 10 6 10/27/2022	

Plot 7-1186. AC Line Conducted Plot with 11ax SDM Diversity UNII Band 5 – RU26 – Ch.1 (N) with AC/DC adaptor via USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBμV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	52.04		65.17	-13.13	Ν	GND
0.17	FINAL		40.75	55.06	-14.31	N	GND
0.25	FINAL	47.61		61.79	-14.18	Ν	GND
0.25	FINAL		34.80	51.72	-16.92	Ν	GND
0.58	FINAL	38.03	-	56.00	-17.97	Ν	GND
0.58	FINAL		23.30	46.00	-22.70	Ν	GND
1.24	FINAL	33.50		56.00	-22.50	N	GND
1.24	FINAL		19.07	46.00	-26.93	Ν	GND
5.05	FINAL	35.73	-	60.00	-24.27	Ν	GND
5.05	FINAL		21.29	50.00	-28.71	Ν	GND
28.82	FINAL	16.03		60.00	-43.97	N	GND
29.24	FINAL		10.48	50.00	-39.52	N	GND

Table 7-260. AC Line Conducted Data with 11ax SDM Diversity UNII Band 5 – RU26 – Ch.1 (N) with AC/DC adaptor via USB-C cable with wire charger

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 520 at 545
1C2410210075-24-R1.BCG 10/25/2024 - 1/2/2025 Tablet Device		Tablet Device	Page 536 01 545
			V 10.6 10/27/2023

Plot 7-1187. AC Line Conducted Plot with 11ax SDM Diversity UNII Band 5 – RU242 – Ch.1 (L1) with AC/DC Adapter to AC/DC adaptor via USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBμV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL		41.60	55.06	-13.46	L1	GND
0.17	FINAL	52.84		64.95	-12.11	L1	GND
0.25	FINAL	48.24		61.79	-13.55	L1	GND
0.25	FINAL		35.38	51.72	-16.34	L1	GND
0.58	FINAL	37.72		56.00	-18.28	L1	GND
0.58	FINAL		22.28	46.00	-23.72	L1	GND
1.27	FINAL		18.00	46.00	-28.00	L1	GND
1.28	FINAL	33.08		56.00	-22.92	L1	GND
5.17	FINAL	32.74		60.00	-27.26	L1	GND
5.17	FINAL		18.42	50.00	-31.58	L1	GND
16.35	FINAL		9.93	50.00	-40.07	L1	GND
16.35	FINAL	15.62		60.00	-44.38	L1	GND

 Table 7-261. AC Line Conducted Data with 11ax SDM Diversity UNII Band 5 – RU242 – Ch.1 (L1) with

 AC/DC adaptor via USB-C cable with wire charger

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 537 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablel Device	V 40 C 40/07/2022

Plot 7-1188. AC Line Conducted Plot with 11ax SDM Diversity UNII Band 5 – RU242 – Ch.1 (N) with AC/DC adaptor via USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBμV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL		40.35	55.06	-14.71	N	GND
0.17	FINAL	51.51	-	64.95	-13.44	Ν	GND
0.25	FINAL	47.31		61.79	-14.48	Ν	GND
0.25	FINAL		34.57	51.72	-17.15	Ν	GND
0.58	FINAL	37.76	-	56.00	-18.24	Ν	GND
0.58	FINAL		22.74	46.00	-23.26	Ν	GND
1.27	FINAL		18.43	46.00	-27.57	Ν	GND
1.28	FINAL	33.37		56.00	-22.63	Ν	GND
5.04	FINAL	35.97	-	60.00	-24.03	Ν	GND
5.05	FINAL		21.40	50.00	-28.60	Ν	GND
28.75	FINAL	16.03		60.00	-43.97	N	GND
29.09	FINAL		10.10	50.00	-39.90	N	GND

Table 7-262. AC Line Conducted Data with 11ax SDM Diversity UNII Band 5 – RU242 – Ch.1 (N) with AC/DC adaptor via USB-C cable with wire charger

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 520 of 545
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Page 538 01 545
			V 10.6 10/27/2023

7.10 Proper Power Adjustment, Client Devices Connected to a Standard Power Access Point

<u>§15.407; RSS-248</u>

Test Overview and Limits

A client device that connects to a Standard Power AP must limit its power to a minimum of 6 dB lower than its associated Standard Power access point's authorized transmit power. The term "authorized" means the AFC-approved power level for the AP to use on a particular channel.

Test Procedure Used

KDB 987594 D03 – Section L ANSI C63.10-2020 – Section 12.4.3.2 Method PM-G ANSI C63.10-2020 – Section 14.4 Measure-and-Sum Technique

Test Settings

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

Figure 7-9. Test Instrument & Measurement Setup

Test Notes

- 1. AFC Limit was set to 36, 28 and 21 dBm EIRP.
- 2. Standard Power AP which was used in the test setup is not certified and it's a production version.
- 3. Standard Power AP specification is declared by Apple/manufacturer.

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 520 of 545
1C2410210075-24-R1.BCG	Page 539 01 545		
			V/ 10 6 10/27/2022

AFC Authorized Power (36dBm EIRP)

Channel	Frequency	Pow	er Measured (d	Bm)	Correlated	Measured	Limit (dBm)	Margin (dB)
Charmer	(MHz)	Antenna 5T	Antenna 3b	Summed	Gain (dBi)	e.i.r.p(dBm)		Margin (CD)
37	6135	12.45	9.61	14.27	3.70	17.97	30.00	-12.03

Table 7-263: EUT measured e.i.r.p (MIMO)

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga E40 of E4E
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Fage 540 01 545
			V 10.6 10/27/2023

AFC Authorized Power (28dBm EIRP)

<pre># wl afc_info</pre>						
AFC informatio	on					
Ver: 1, Type:	0x00/0, R	eg_info_ty	pe: 0x04/	4, Flags:0x	.00000	
Req_info:0x000	000000 (Ou,	0, ""),				
[Expiry-in:863]	l6sec, Num	-ch:1, qd	lBm-offset	:17, Num-ent	ries:2 (1+1)
[dBn	n + offset	(+4.25 dBm	n)			
Center-ch	EIRPC	PSDf	Example	chanspec		
37 / 0x25	+28.00	+15.00	0x5025	: 6g37		
Figure	7-11. AP AFC	EIRP/PSD A	uthorization	by channel – 28	dBm	

Channel	Frequency	Power Measured (dBm)			Correlated	Measured	Limit (dBm)	Margin (dB)
Gharmen	(MHz)	Antenna 5T	Antenna 3b	Summed	Gain (dBi)	e.i.r.p(dBm)		Margin (CD)
37	6135	12.21	9.55	14.09	3.70	17.79	22.00	-4.21

Table 7-264: EUT measured e.i.r.p (MIMO)

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo E41 of E4E
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Fage 541 01 545
			V 10.6 10/27/2023

AFC Authorized Power (21dBm EIRP)

Antenna	Channel	Frequency (MHz)	Power Measured (dBm)	Antenna Gain (dBi)	Measured e.i.r.p (dBm)	Limit (dBm)	Margin (dB)
5T	37	6135	10.55	3.70	14.25	15.00	-0.75
3b	37	6135	9.48	0.20	9.68	15.00	-5.32

Table 7-265: EUT measured e.i.r.p (SISO)

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga E42 of E4E
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Fage 542 01 545
			V 10.6 10/27/2023

7.11 Dual Client Test, Demonstration of Proper Power Adjustment based on Associated AP

<u>§15.407; RSS-248</u>

Test Overview and Limits

A client device may connect to a Standard Power AP with a maximum power level of 30 dBm EIRP. A client may also connect to a Low Power indoor AP, but the power level is limited to a maximum of 24 dBm EIRP. If a client has the flexibility to connect to both APs, verification is needed to show that it can distinguish between the two configurations, and then control the power levels accordingly.

Test Procedure Used

KDB 987594 D02 v03 – Section K ANSI C63.10-2020 – Section 12.4.3.2 Method PM-G ANSI C63.10-2020 – Section 14.4 Measure-and-Sum Technique

Test Settings

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

Figure 7-13. Test Instrument & Measurement Setup

Test Notes

- 1. Standard Power AP was set on highest power setting (36dBm EIRP)
- 2. Standard Power AP and Low Power Indoor AP were configured to transmit on same channel.
- 3. DUT was configured for SISO transmission so Antenna 5T was measured.

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 542 of 545	
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Page 543 01 545	
			V/ 10 6 10/27/2023	

MultiView	Spectrum										•
Ref Level 45.50	dBm Offset 1	5.50 dB • RBW 1	MHz								SGL
• Att	30 dB 单 SWT	30 s 🗢 VBW 3	MHz								
1 Zero Span					1					0	1Pk Clrw
40 dBm										viz[i]	20.283.00 s
										w1[1]	11.45 dBm
30 dBm											6.804 00 s
50 dbm											
20 dBm-											
20 0011		M1									
.10 HBm-urll.		T									
a piece and the set of the piece of the piec							M2				
0 dBm						alitis alastatistatist	a fille for this and the second	hân din di din atau natau	and the second of the second between	ansi ala	un hall op dette sour
0 dBm						a na shi na sha ka na sha ka she kan					
10 dB											
-10 dbm											
20.15											
-20 dBm-											
-30 dBm-					,						
-40 dBm-											
-50 dBm											
CF 6.135 GHz				1000	1 pts	3					3.0 s/
	~							✓ Ready		*	2024-11-22 21:13:47

^{09:13:48} PM 11/22/2024

Plot 7-1189. Client device observation from Standard Power AP to Low Power Indoor AP

Antenna	Channel	Frequency (MHz)	Power Measured (dBm)	Antenna Gain (dBi)	Measured e.i.r.p (dBm)
5T	37	6135	11.93	3.7	15.63

Table 7-266: EUT measured e.i.r.p when established with Standard Power AP

Antenna	Channel	Frequency (MHz)	Power Measured (dBm)	Antenna Gain (dBi)	Measured e.i.r.p (dBm)
5T	37	6135	4.24	3.7	7.94

Table 7-267: EUT measured e.i.r.p when established with Low Power Indoor AP

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Daga E44 of E4E	
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Page 544 01 545	
			V 10 6 10/27/2023	

8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Tablet Device FCC ID: BCGA3269** and **IC: 579C-A3269** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules and RSS-248 of the Innovation, Science and Economic Development Canada Rules.

FCC ID: BCGA3269 IC: 579C-A3269	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo E4E of E4E
1C2410210075-24-R1.BCG	10/25/2024 - 1/2/2025	Tablet Device	Fage 545 01 545
			V 10.6 10/27/2023